SPECIFICATIONS

GENERAL

Rating input: DC 12V 8.5A

Recording format:	DVCPRO
Recording tracks	Digital video
	Time code; Recorded in sub-code area
	Digital audio; 2 channels
	Cue signal; 1 track
	Control (CTL); 1 track
Tape speed:	33.820 mm/sec.
Recording time:	126 min. (with AJ-P126LP tape)
	66 min. (with AJ-P66MP tape)
Tape used:	1/4" thin magnetic layer metal tape
FF/REW time:	Less than 3.5 min. (with AJ-P126LP tape)
Editing accuracy:	±0 frame (with time code)
Tape timer accuracy:	±2 frame (per event when continuous CTL signal is used)
Servo lock time:	Less than 0.5 sec.
Ambient operating temperature:	41˚F to 104˚F (5˚C to 40˚C)
Ambient operating humidity:	10% to 85% (no condensation)
Dimensions:	16-3/4" (W) × 4-3/4" (H) × 17-1/4" (D) (424 × 120 × 435 mm)
Weight:	25.74 lb (11.7 kg)

VIDEO

DIGITAL

Sampling frequency:	Y; 13.5 MHz,
	P_B/P_R; 3.375 MHz
Quantization:	8 bits
Error correction:	Reed-Solomon codes

ANALOG COMPOSITE IN/OUT

Video band range:	Y; 30 Hz - 4.5 MHz (±1dB)
DG:	Less than 6%
DP:	Less than 4.5˚
Y/C delay:	Less than 20 nsec
K factor:	Less than 2%
Analog composite input:	BNC × 2 (VTR1, VTR2), 75 ohms
REF video input:	BNC × 2 (loop-through), 75 ohms, automatic
Analog composite output:	BNC × 2 (VTR1, VTR2), 75 ohms
Monitor output:	BNC × 2 (VTR1, VTR2), 75 ohms, superimpose ON/OFF

SPECIFICATIONS

VIDEO OUTPUT SIGNAL

Video gain:	More than ±3dB
Chroma gain:	More than ±3dB
Hue:	More than ±25?
Set up:	±10 IRE
H phase:	More than ±1.5µsec
SC phase (COARSE):	360˚
SC phase (FINE):	90˚

AUDIO

DIGITAL

Sampling frequency:	48 kHz
Quantization:	16 bits
Frequency response:	20 Hz~20 kHz±1dB
Dynamic range:	More than 85dB (1kHz, emphasis off, "A" weighted)
Distortion rate:	Less than 0.1% (1kHz, emphasis off, standard level)
Crosstalk:	Less than -80dB (1kHz, between 2 channels)
Wow & flutter:	Under measurable value
Headroom:	20dB
Emphasis:	T1=50µsec/T2=15µsec (on/off enable)

ANALOG IN/OUT

Analog input (VTR1):	XLR × 2 (CH1, CH2), high impedance, 4/0/-20dBu
Analog input (VTR2, CH1):	XLR, high impedance, 4/0/-20dBu
Analog input (VTR2, CH2):	XLR, high impedance, 4/0/-20/-50dBu
Analog output (VTR1):	XLR × 2 (CH1, CH2), low impedance, 4/0/-20dBu
Analog output (VTR2):	XLR × 2 (CH1, CH2), low impedance, 4/0/-20dBu

MONITOR OUTPUT/HEADPHONES

Monitor output (VTR1):	XLR ×1, low impedance, 0dBu, CH1/MIX/CH2 selectable
Monitor output (VTR2):	XLR ×1, low impedance, 0dBu, CH1/MIX/CH2 selectable
Headphones:	Mini-Stereo, variable level (Max. -20dBu), 8 ohms, VTR1/MIX/VTR2 selectable, CH1/MIX/CH2 selectable

OTHERS

TC input:	BNC ×1 (switched to reference input connector through OUT position)
TC output:	BNC ×2 (switched to VTR1, VTR2, video monitor output connector)
Remote:	D-sub 9-pin (female) × 2 (VTR1, VTR2), RS-422A interface
EDL:	D-sub 9-pin (male), RS-232C interface

LCD MONITOR

LCD display:	6.5 inches TFT active matrix × 2 (VTR1, VTR2)
Brightness adjustment:	Variable volume × 2 (VTR1, VTR2)
Screen adjustment:	Color, Tint, Contrast (separate left and right OSD menu)
Backlight switches:	Bright/Dark/Off (separate left and right switches)

SPEAKERS

Built-in speakers × 2, VTR1/MIX/VTR2 selectable, CH1/MIX/CH2 selectable

DISPLAY TUBE (VTR1, VTR2 separately)

Counter:	8 digits (CTL/TC/UB selectable, total, remaining tape length)
Audio level meters:	16 steps
Others:	Servo lock lamp, DV lamp, tape travel status indication, recording/recording inhibit lamp, DF lamp, Video/REF input lamp

Weight and dimensions shown are approximate.
Specifications are subject to change without notice.